

**भारत सरकार Government of India**  
**रेल मंत्रालय Ministry of Railways**  
**रेलवे बोर्ड Railway Board**

No. 2019/M (C)/202/1

New Delhi,  
Dt. 30. 03. 2020

**General Managers**  
**All Zonal Railways**

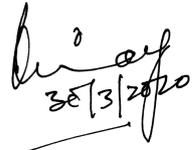
**Sub: COVID-19 - Conversion of coaches to serve as quarantine/isolation facilities**  
**Ref: (i) Railway Board's VC on COVID-19 Pandemic dated 25.03.2020 & 30.03.2020**

As part of COVID-19 preparedness, it was advised in the video conference held on 25.03.20 that a few rakes may be converted into **quarantine/isolation coaches** in consultation with the Medical department, so as to augment the quarantine facilities being created.

In this connection consultations were held with Armed Forces Medical Services, Medical Department of various zonal Railways, and Ayushman Bharat. Five zonal Railways have also prepared prototypes for the same. After detailed deliberations, the following has been decided in the VC held on date 30.03.2020:

1. IR may be required to convert up to 20000 such coaches, with 5000 coaches to be converted initially into quarantine/isolation coaches.
2. Only Non-AC ICF sleeper coaches are planned to be utilized after conversion into Quarantine/isolation coach.
3. Zone wise allocation for converting 5000 ICF WGSCN coaches is at Annexure.
4. For conversion of ICF coaches into Quarantine/isolation coaches, the following shall be kept broadly in mind:
  - a. ICF SCN coaches preferably more than 15 years old shall be used.
  - b. One Indian style toilet to be converted into a bathing room.
    - i. This can be done by placing wooden batten structure/Chequered sheet on the entire lavatory floor which also covers the squatting pan and does not create any level difference on the floor.  
It is to be equipped with bucket, mug and soap dispenser also.
    - ii. Taps with lift type handle will need to be provided in washbasins.
    - iii. Similar tap to be provided at proper height so that bucket can be filled.
  - c. The first cabin near the bathing room shall be provided with two hospital/plastic curtains transversely in the aisle so that the entry and exit to the entire eight berth cabin can be screened off.
    - i. This cabin will be used as store/paramedics area.
    - ii. Two Oxygen cylinders will also be provided by the Medical department for which suitable clamping arrangement on the side berth side of this cabin may be provided.

- d. Both middle berths to be removed in each cabin.
  - e. Extra bottle holders shall be provided in each cabin for holding medical equipment, two for each berth.
  - f. Extra 3 peg coat hooks, 2 per cabin to be provided
  - g. Mosquito net to be provided on windows to avoid mosquito's entry inside and have proper ventilation too.
  - h. Each cabin will be provided with 3 dustbins with foot operated lids of Red, Blue and Yellow Colour suitably lined with garbage bags.
  - i. For insulation of the coaches, Bamboo/Khus mats may be affixed/pasted on roof and each side of coach above and below windows to shield effect of heat inside coach.
  - j. All charging points for laptop and mobile to be functional.
  - k. It must be ensured that all amenity fittings are in place, upholstery is in good condition and broken panels etc. are replaced.
5. DG RHS will issue detailed SOP for operation and use of these quarantine/isolation coaches/trains.
  6. The Zonal Railways are advised to plan for the above modifications immediately and advise the date of readiness of these rakes to Board immediately.
  7. This issues with the approval of MRS, MTR, FC, DG RHS and MT



38/3/2020

**(Vinay Srivastava)**  
**Exe. Dir. Mech. Engg. (Chg.)**  
**Railway Board**

**Annexure 1 to Letter number No. 2019/M (C)/202/1 dt 30/03/2020**

Sl No	Zone	Number of Coaches to be Converted
1	CR	482
2	ER	338
3	ECR	208
4	ECoR	261
5	NR	370
6	NCR	290
7	NER	216
8	NFR	315
9	NWR	266
10	SR	473
11	SCR	486
12	SER	329
13	SECR	111
14	SWR	312
15	WR	410
16	WCR	133
IR		5000

*Handwritten signature*  
30/3/2020